

Title (en)

METHOD OF REPAIRING INTAKE COATINGS

Title (de)

VERFAHREN ZUR REPARATUR VON EINLAUFBELÄGEN

Title (fr)

PROCÉDÉ DE RÉPARATION DE GARNITURES DE RODAGE

Publication

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Application

EP 07764369 A 20070614

Priority

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Abstract (en)

[origin: WO2007147387A2] The present invention relates to a method of repairing intake coatings (12), in particular intake coatings for use in compressor and turbine components, wherein the process comprises the following steps: a) filling of a damaged place (10) of the inlet coating (12) with a material (18) whose material composition corresponds to that of the intake coating (12) or is comparable to this or whose materials properties are comparable to the materials properties of the intake coating (12); b) drying of the material (18) introduced into the damaged place (10); c) application of a diffusion donor layer (20) over the region of the damaged place (10) and onto the introduced material (18); and d) heat treatment of the intake coating (12) at least in the region of the damaged place (10) to effect local diffusion of at least one metallic element from the diffusion donor layer (20) into the introduced material (18).

IPC 8 full level

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